

## Claims

[1] A receiving apparatus for receiving a broadcasting wave to which service information indicating at least a channel number, a transmission broadcasting station name, and a  
5 broadcast target area are added, characterized in that said receiving apparatus comprises:

a reception determining means for determining whether said broadcasting wave can be received in a predetermined region while changing said channel number;

10 a registration means for extracting said service information added to the broadcasting wave which is determined to be able to be received by said reception determining means, and for registering said service information, as preset information, into one preset group; and

15 a channel selecting means for selecting said broadcasting wave according to the preset information registered into said preset group.

[2] The receiving apparatus according to Claim 1, characterized in that the service information includes  
20 selection button numbers which are used for selecting channel numbers, respectively, and the registration means registers names of transmission broadcasting stations and a broadcast target area for these transmission broadcasting stations while associating them with said selection button numbers,  
25 respectively.

[3] The receiving apparatus according to Claim 2, characterized that said apparatus comprises a display control means for displaying a preset group list showing a list of preset groups, as well as broadcast target areas, and for, when a preset  
30 group is selected from this preset group list, displaying a

preset group screen in which broadcast target areas included in preset information associated with the selected preset group are associated with selection button numbers, respectively.

[4] The receiving apparatus according to Claim 3, characterized in that when a selection button number is input, the channel selection means selects a channel number according to the input selection button number and a preset group number indicating the preset group and displayed on the preset group screen so as to select a broadcasting wave.

[5] The receiving apparatus according to Claim 1, characterized in that said apparatus has a searching means for searching for a preset group to which a broadcasting wave having a same broadcast target area as a broadcasting wave which said receiving apparatus is currently receiving belongs, and the registration means registers, as preset information, service information added to the broadcasting wave which said receiving apparatus is currently receiving into the preset group to which a broadcasting wave having the same broadcast target area as the broadcasting wave which said receiving apparatus is currently receiving belongs.

[6] The receiving apparatus according to Claim 1, characterized in that said apparatus has a searching means for searching for a preset group to which a broadcasting wave having a same transmission broadcasting station name as a broadcasting wave which said receiving apparatus is currently receiving belongs, and, when said searching means determines that there exists a preset group to which a broadcasting wave having a same transmission broadcasting station name as the broadcasting wave which said receiving apparatus is currently receiving belongs, the channel selection means selects a broadcasting wave

according to said preset group.